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PTO/SB/05 (03-01)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. YOR920040098US1

First Inventor LIU, et al

Title METHODS AND APPARATUS FOR AUTOMATIC
SYSTEM PARAMETER CONFIGURATION FOR
PERFORMANCE IMPROVEMENT

Express Mail Label No. EV 367980775US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 21]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 4]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcards (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Associate Power of Attorney

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____ / ____

Prior application information: Examiner _____ Group / Art Unit: _____

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label 26291 or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Moser, Patterson & Sheridan				
Address	595 Shrewsbury Avenue - Suite 100				
City	Shrewsbury	State	NJ	Zip Code	07702
Country	USA	Telephone	(732) 530-9404	Fax	(732) 530-9808

Name (Print/Type)	KIN-WAH TONG	Registration No. (Attorney/Agent)	39,400
Signature		Date	MAY 19, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 1,130.00**Complete if Known**

Application Number To Be Assigned

Filing Date Herewith

First Named Inventor LIU, et al

Examiner Name To Be Assigned

Group / Art Unit To Be Assigned

Attorney Docket No. YOR920040098US1

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account

Deposit Account Number 50-0510

Deposit Account Name IBM

The Director is authorized to: (Check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1001	770	2001	385	Utility filing fee	770	
	1002	340	2002	170	Design filing fee		
	1003	530	2003	265	Plant filing fee		
	1004	770	2004	385	Reissue filing fee		
	1005	160	2005	80	Provisional filing fee		

SUBTOTAL (1)

(\$ 770)

2. EXTRA CLAIM FEES

Total Claims	40	-20 **	=	20	X	18	=	360
Independent Claims	3	-3 **	=	0	X	86	=	0
Multiple Dependent					X		=	0

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description
	1202	18	2202	9	Claims in excess of 20	
	1201	86	2201	43	Independent claims in excess of 3	
	1203	290	2203	145	Multiple dependent claim, if not paid	
	1204	86	2204	43	** Reissue independent claims over original patent	
	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$ 360)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130	2051	65	Surcharge - late filing fee or oath		
	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		
	1053	130	1053	130	Non-English specification		
	1812	2,520	1812	2,520	For filing a request for reexamination		
	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
	1251	110	2251	55	Extension for reply within first month		
	1252	420	2252	210	Extension for reply within second month		
	1253	950	2253	475	Extension for reply within third month		
	1254	1,480	2254	740	Extension for reply within fourth month		
	1255	2,010	2255	1,005	Extension for reply within fifth month		
	1401	330	2401	165	Notice of Appeal		
	1402	330	2402	165	Filing a brief in support of an appeal		
	1403	290	2403	145	Request for oral hearing		
	1451	1,510	2451	1,510	Petition to institute a public use proceeding		
	1452	110	2452	55	Petition to revive - unavoidable		
	1453	1,330	2453	665	Petition to revive - unintentional		
	1501	1,330	2501	665	Utility issue fee (or reissue)		
	1502	480	2502	240	Design issue fee		
	1503	640	2503	320	Plant issue fee		
	1460	130	1460	130	Petitions to the Commissioner		
	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)		
	1806	180	1806	180	Submission of Information Disclosure Stmt		
	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
	1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))		
	1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))		
	1801	770	2801	385	Request for Continued Examination (RCE)		
	1802	900	1802	900	Request for expedited examination of a design application		

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type) Kin-Wah Tong

Registration No. Attorney/Agent)

39,400

Telephone

(732) 530-9404

Signature

Date

MAY 19, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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